

## ABSTRACT

According to some embodiments, provided are a static low-swing driver circuit to receive a full-swing input signal, to convert the full-swing input signal to a low-swing signal, and to transmit the low-swing signal, and a dynamic receiver circuit to receive the  
5 low-swing signal and to convert the low-swing signal to a full-swing signal. Also provided may be an interconnect coupled to the driver circuit and to the receiver circuit, the interconnect not comprising a repeater and to receive the low-swing signal from the driver circuit and to transmit the low-swing signal to the receiver circuit.